A Vision for Safer Highways in the Future

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Overview

- Safety Vision
- Trends - National and 5 States
- Potential Solutions and Countermeasures
The country’s elected leaders at the federal, state and local levels, recognizing the public health and economic threat posed by the performance of our highway system, have joined forces to reduce highway fatalities by 50% by the year 2030 toward an ultimate goal of zero deaths.
National Trends

- The number of people killed in Motor Vehicle Traffic Crashed in the US in 2006 was 42,642. This number represents a -2.0% change in the number of fatalities in 2005.

- More than Half (55%) of people killed in passenger vehicles during 2006 were unbelted.

- Thirty-one percent (31%) of Fatal Crashes in 2006 were caused by speeding.

- Alcohol related fatalities in 2006 were 40% of total.

- Sixty-five percent (65%) of motorcycle riders fatally injured were not wearing helmets.
U.S. Highway Safety at a Plateau
Highway Fatalities in 2005 Highest Since 1990
Some Improvements in 2006

Highway Fatalities


Fatality Rate per 100 M VMT: 2.08 (1988) to 1.42* (2006)

* NHTSA FARS-- 7/ 2007
## Five State Fatalities

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>North Dakota</td>
<td>111</td>
<td>-9.8%</td>
</tr>
<tr>
<td>South Dakota</td>
<td>191</td>
<td>+2.7%</td>
</tr>
<tr>
<td>Montana</td>
<td>263</td>
<td>+4.8%</td>
</tr>
<tr>
<td>Idaho</td>
<td>267</td>
<td>-2.9%</td>
</tr>
<tr>
<td>Wyoming</td>
<td>195</td>
<td>+15%</td>
</tr>
<tr>
<td>USA</td>
<td>42,642</td>
<td>-2.0%</td>
</tr>
</tbody>
</table>
Five State Speed Related Fatalities

Percentage of Fatals Speed Related in 2006

- North Dakota: 40/111 = 36%
- South Dakota: 48/191 = 25%
- Montana: 112/263 = 42%
- Idaho: 83/267 = 31%
- Wyoming: 65/195 = 33%
- USA: 13,543/42,623 = 31%
Alcohol Related Fatalities (> .01)

Percentage of Fatals Alcohol Related in 2006

- North Dakota 50/111 = 45%
- South Dakota 80/191 = 41%
- Montana 126/263 = 47%
- Idaho 106/267 = 39%
- Wyoming 80/195 = 41%
- USA 17,602/42,642 = 41%
High Safety Payoff/ Problem Areas

- Alcohol – 40%+ of Fatals
- Speed – 30%+ of Fatals
- Belts – 50%+ of Fatals unbelted
- Motorcycles – 10% of Fatals; double digit growth
- Large Truck involved – 12% of Fatals
- Highway Intersections – 25% of Fatals
- Highway Lane Departure – 60% of Fatals
### 5 State Drunk Driving Laws

<table>
<thead>
<tr>
<th></th>
<th>North Dakota</th>
<th>South Dakota</th>
<th>Montana</th>
<th>Idaho</th>
<th>Wyoming</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Drunk Driving Laws</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Suspension of Driving Privileges</strong></td>
<td>91 days</td>
<td>30 days</td>
<td>None</td>
<td>180 days</td>
<td>90 days</td>
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<tr>
<td><strong>Increase Penalties for High BAC</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td><strong>Open Container/Repeat Offender Law</strong></td>
<td>Both</td>
<td>OC</td>
<td>Both</td>
<td>Both</td>
<td>OC</td>
</tr>
<tr>
<td><strong>Sanctions - Ignition Interlock/Impound Vehicle/License Plate Removal</strong></td>
<td>Yes</td>
<td>None</td>
<td>Yes</td>
<td>Yes</td>
<td>Voluntary</td>
</tr>
<tr>
<td></td>
<td>North Dakota</td>
<td>South Dakota</td>
<td>Montana</td>
<td>Idaho</td>
<td>Wyoming</td>
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<tr>
<td><strong>Primary Seat Belt Law</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Secondary Seat Belt Law</strong></td>
<td>18 or over (F)</td>
<td>18 or over (F)</td>
<td>6 or over (A)</td>
<td>7 or over (A)</td>
<td>9 or over (A)</td>
</tr>
<tr>
<td><strong>Universal Helmet Law</strong></td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td><strong>Motorcycle Helmets Law</strong></td>
<td>&lt;18</td>
<td>&lt;18</td>
<td>&lt;18</td>
<td>&lt;18</td>
<td>&lt;19</td>
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<tr>
<td></td>
<td>ND</td>
<td>SD</td>
<td>MT</td>
<td>ID</td>
<td>WY</td>
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<tr>
<td><strong>Speed Limit Law</strong></td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
<td>YES</td>
</tr>
<tr>
<td><strong>Rural (cars/ trucks)</strong></td>
<td>75/75</td>
<td>75/75</td>
<td>75/65</td>
<td>75/65</td>
<td>75/75</td>
</tr>
<tr>
<td><strong>Urban (cars/trucks)</strong></td>
<td>75/75</td>
<td>75/V</td>
<td>65/65</td>
<td>75/65/</td>
<td>60-65</td>
</tr>
</tbody>
</table>

* V = Varies
National Innovative Policies for Safety

- President/Congress/Governors and State Legislators Adopt a Common Vision: Halve the Fatalities in 2 Decades
- President convenes a White House Conference on Highway Traffic Safety – tied to Public Health
- Safety Conscious Governors and State DOTs are showcased
- Incentives enacted to have all states have core safety laws: e.g. primary seat-belts; remove prohibition on using automated traffic enforcement and alcohol interlocks
National Innovative Policies for Safety Cont’d

- Tax Incentives for Safer Cars Faster
- Federal Support for technology such as: VII, V-V, CICAS, etc.
- Enhance Federal Highway Safety Programs and increase flexibility
- Federal data warehouse on counter-measures results
- National Peer to Peer Sessions to share successes
THE FUTURE IS IN YOUR HANDS

Future Safety Vision

Rate = 1.45 (70,000)
Rate = 1.0 (48,000)
Rate = .41 (20,000)